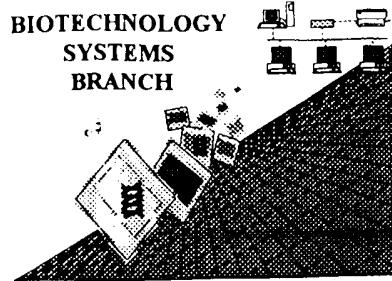


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/831,951
Source: PCT/09
Date Processed by STIC: 9/5/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,951

DATE: 09/05/2001
TIME: 13:21:11

Input Set : A:\Osanai Seq Lst 8-14-01.txt
Output Set: N:\CRF3\09052001\I831951.raw

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: Osanai, Tomohiro
2 Magata, Koji
W--> 3 <120> TITLE OF INVENTION: Inhibitor and Activator of Coupling Factor-6 and Antigen thereto
W--> 4 <130> FILE REFERENCE: 46220
W--> 5 <140> CURRENT APPLICATION NUMBER: US 09/831,951
6 <141> CURRENT FILING DATE: 2001-05-16
7 <150> PRIOR APPLICATION NUMBER: JPA 264687/99
8 <151> PRIOR FILING DATE: 1999-09-17
W--> 9 <160> NUMBER OF SEQ ID: 24

JPN 1-2

ERRORED SEQUENCES

117 <210> SEQ ID NO: 6
118 <211> LENGTH: 23
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
W--> 121 <220> FEATURE:
W--> 122 <221> NAME/KEY:
123 <222> LOCATION:
124 <223> OTHER INFORMATION: Primer used in PCR method
W--> 125 <400> SEQUENCE: 6
E--> 126 atgactgttc agaggttctt cag
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 23
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
W--> 133 <220> FEATURE:
W--> 134 <221> NAME/KEY:
135 <222> LOCATION:
136 <223> OTHER INFORMATION: Primer used in PCR method
W--> 137 <400> SEQUENCE: 7
E--> 138 gtcgactca gactgggtt tgcgag
141 <210> SEQ ID NO: 8
142 <211> LENGTH: 23
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
W--> 145 <220> FEATURE:
W--> 146 <221> NAME/KEY:
147 <222> LOCATION:
148 <223> OTHER INFORMATION: Primer used in PCR method
W--> 149 <400> SEQUENCE: 8
E--> 150 atgattcttc agaggttctt cag
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 28
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence

23 ← insert cumulative base total at right margin of each line

27 ← -insert

23 ←

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,951

DATE: 09/06/2001
TIME: 13:21:11

Input Set : A:\Osanai Seq Lst 8-14-01.txt
Output Set: N:\CRF3\09052001\I831951.raw

W--> 157 <220> FEATURE:
W--> 158 <221> NAME/KEY:
159 <222> LOCATION:
160 <223> OTHER INFORMATION: Primer used in PCR method
W--> 161 <400> SEQUENCE: 9
E--> 162 gtcgactcg gcctgggtt tttcgatg 28 L-
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 45
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
W--> 169 <220> FEATURE:
W--> 170 <221> NAME/KEY:
171 <222> LOCATION:
172 <223> OTHER INFORMATION: Gene coding for enterokinase recognition site and Eco RI
recognition
173 site
W--> 174 <400> SEQUENCE: 10
E--> 175 gaattcgcacg atgacgataa gaataaggaa cttgatcctg tacag 45 L-
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 46
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
W--> 182 <220> FEATURE:
W--> 183 <221> NAME/KEY:
184 <222> LOCATION:
185 <223> OTHER INFORMATION: Gene coding for enterokinase recognition site and Eco RI
recognition.
186 site
W--> 187 <400> SEQUENCE: 11
E--> 188 gaattcgcacg atgacgataa gaataaggaa cttgatccta tacaga 46 L-
189 <210> SEQ ID NO: 22
190 <211> LENGTH: 31
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
W--> 299 <220> FEATURE:
W--> 300 <221> NAME/KEY:
301 <222> LOCATION:
302 <223> OTHER INFORMATION: Primer for PCR method
W--> 303 <400> SEQUENCE: 22
E--> 304 gatcgaggggacgtataaggaaacttgcct 6 insert a space after each group of 10 bases
in a
non-coding
region
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 26
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
W--> 311 <220> FEATURE:
W--> 312 <221> NAME/KEY:
313 <222> LOCATION:
314 <223> OTHER INFORMATION: Primer for PCR method
W--> 315 <400> SEQUENCE: 23
E--> 316 gtcgacttaggactgggtttgtcg 26

separate into groups of 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,951

DATE: 7/17/2011

TIME: 14:21:12

Input Set : A:\Osanai Seq Lst 8-14-01.txt

Output Set: N:\CRF3\09052001\I831951.raw

L:3 M:28? W: Missing Blank Line separator, <120> field identifier
 L:4 M:28? W: Missing Blank Line separator, <130> field identifier
 L:5 M:28? W: Missing Blank Line separator, <140> field identifier
 L:6 M:28? W: Missing Blank Line separator, <150> field identifier
 L:16 M:28? W: Missing Blank Line separator, <400> field identifier
 L:3 M:28? W: Missing Blank Line separator, <400> field identifier
 L:6 M:28? W: Missing Blank Line separator, <410> field identifier
 L:6 M:28? W: Feature value mis-spelled or invalid, <x11> Name/Key for SEQ ID#:3
 L:6 M:28? W: Missing Blank Line separator, <400> field identifier
 L:14 M:28? W: Missing Blank Line separator, <400> field identifier
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:11 M:28? W: Missing Blank Line separator, <220> field identifier
 L:12 M:28? W: Feature value mis-spelled or invalid, <x11> Name/Key for SEQ ID#:6
 L:13 M:28? W: Missing Blank Line separator, <400> field identifier
 L:16 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:6
 L:18 M:28? W: Missing Blank Line separator, <220> field identifier
 L:19 M:28? W: Feature value mis-spelled or invalid, <x11> Name/Key for SEQ ID#:7
 L:17 M:28? W: Missing Blank Line separator, <400> field identifier
 L:18 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:7
 L:14 M:28? W: Missing Blank Line separator, <220> field identifier
 L:16 M:28? W: Feature value mis-spelled or invalid, <x21> Name Key for SEQ ID#:8
 L:14 M:28? W: Missing Blank Line separator, <400> field identifier
 L:15 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:8
 L:16 M:28? W: Missing Blank Line separator, <220> field identifier
 L:17 M:28? W: Feature value mis-spelled or invalid, <x21> Name/Key for SEQ ID#:9
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:9
 L:16 M:28? W: Missing Blank Line separator, <220> field identifier
 L:17 M:28? W: Feature value mis-spelled or invalid, <x21> Name/Key for SEQ ID#:10
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:45 SEQ:10
 L:18 M:28? W: Missing Blank Line separator, <220> field identifier
 L:19 M:28? W: Feature value mis-spelled or invalid, <x21> Name/Key for SEQ ID#:11
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? E: No. of Bases conflict, LENGTH:Input:0 Counted:46 SEQ:11
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? W: Missing Blank Line separator, <400> field identifier
 L:17 M:28? W: Missing Blank Line separator, <400> field identifier
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? W: Missing Blank Line separator, <400> field identifier
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? W: Missing Blank Line separator, <400> field identifier
 L:17 M:28? W: Missing Blank Line separator, <400> field identifier
 L:18 M:28? W: Missing Blank Line separator, <400> field identifier
 L:19 M:28? W: Missing Blank Line separator, <400> field identifier
 L:20 M:28? W: Feature value mis-spelled or invalid, <x21> Name/Key for SEQ ID#:21
 L:21 M:28? W: Missing Blank Line separator, <400> field identifier
 L:20 M:28? W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,951

DATE: 11/11/2011

TIME: 11:21:11

Input Set : A:\Osanai Seq Lst 8-14-01.txt

Output Set: N:\CRF3\09052001\I831951.raw

L:300 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:303 M:283 W: Missing Blank line separator, <4> field identifier
L:304 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:31 SEQ:22
L:311 M:283 W: Missing Blank line separator, <4> field identifier
L:312 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:315 M:283 W: Missing Blank line separator, <4> field identifier
L:316 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:23
L:323 M:283 W: Missing Blank Line separator, <220> field identifier
L:324 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24
L:327 M:283 W: Missing Blank line separator, <4> field identifier